

Men's and Boys' Cut and Sew Underwear and Nightwear Manufacturing: 2002

Issued December 2004

EC02-311-315221 (RV)

2002 Economic Census

Manufacturing

Industry Series



USCENSUSBUREAU

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



CONTENTS

Introduction to the Economic Census	v
Manufacturing	ix

Tables

1. Historical Statistics for the Industry: 2002 and Earlier Years ...	1
2. Industry Statistics for Selected States: 2002	2
3. Detailed Statistics by Industry: 2002	3
4. Industry Statistics by Employment Size: 2002.....	4
5. Industry Statistics by Primary Product Class Specialization: 2002	5
6a. Products Statistics: 2002 and 1997	6
6b. Product Class Shipments for Selected States: 2002 and 1997 .	--
7. Materials Consumed by Kind: 2002 and 1997.....	8

Appendixes

A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997	F-1

-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
315221, Men's and boys' cut and sew underwear and nightwear manufacturing	2002 ..	26	28	1 749	45 439	1 462	2 845	28 469	111 899	146 785	260 667	'1 569
	2001 ..	N	N	3 085	73 936	2 376	4 615	44 121	193 854	283 019	551 420	8 819
	2000 ..	N	N	5 329	122 949	4 578	9 055	91 227	877 628	1 039 846	1 858 055	8 709
	1999 ..	N	N	7 493	156 033	6 742	13 678	129 358	1 031 419	879 772	1 940 205	11 169
	1998 ..	N	N	7 037	117 742	6 277	11 361	96 834	422 608	322 779	740 717	7 677
	1997 ..	62	74	9 759	162 485	8 803	15 864	133 370	815 424	603 497	1 404 202	7 804

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
315221, Men's and boys' cut and sew underwear and nightwear manufacturing												
United States.....	2	28	15	1 749	45 439	1 462	2 845	28 469	111 899	146 785	260 667	'1 569
California	1	3	1	140	3 178	121	254	2 139	8 990	4 946	14 111	'71
North Carolina	6	4	3	203	4 675	176	360	3 293	20 714	24 559	48 367	'308

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
315221, Men's and boys' cut and sew underwear and nightwear manufacturing	
Companies ¹	number.. 26
All establishments ²	number.. 28
Establishments with 1 to 19 employees	number.. 13
Establishments with 20 to 99 employees	number.. 9
Establishments with 100 employees or more	number.. 6
All employees ³	number.. 1 749
Total compensation	\$1,000.. 57 089
Annual payroll	\$1,000.. 45 439
Total fringe benefits	\$1,000.. 11 650
Production workers, average for year	number.. 1 462
Production workers on March 12	number.. 1 368
Production workers on May 12	number.. 1 454
Production workers on August 12	number.. 1 521
Production workers on November 12	number.. 1 504
Production worker hours	1,000.. 2 845
Production worker wages	\$1,000.. 28 469
Total cost of materials	\$1,000.. 146 785
Materials, parts, containers, packaging, etc., used	\$1,000.. 104 690
Resales	\$1,000.. 24 879
Purchased fuels	\$1,000.. 439
Purchased electricity	\$1,000.. 704
Contract work	\$1,000.. 16 073
Quantity of electricity purchased for heat and power	1,000 kWh.. 14 326
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 260 667
Primary products value of shipments	\$1,000.. 190 669
Secondary products value of shipments	\$1,000.. D
Total miscellaneous receipts	\$1,000.. D
Value of resales	\$1,000.. 38 077
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 86
Value of primary products shipments made in all industries	\$1,000.. 246 151
Value of primary products shipments made in this industry	\$1,000.. 190 669
Value of primary products shipments made in other industries	\$1,000.. 55 482
Coverage ratio	percent.. 77
Value added	\$1,000.. 111 899
Total inventories, beginning of year	\$1,000.. 49 699
Finished goods inventories	\$1,000.. 31 255
Work-in-process inventories	\$1,000.. 6 340
Materials and supplies inventories	\$1,000.. 12 104
Total inventories, end of year	\$1,000.. 49 451
Finished goods inventories	\$1,000.. 28 817
Work-in-process inventories	\$1,000.. 6 795
Materials and supplies inventories	\$1,000.. 13 839
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 42 935
Total capital expenditures (new and used)	\$1,000.. '1 569
Buildings and other structures (new and used)	\$1,000.. '128
Machinery and equipment (new and used)	\$1,000.. '1 441
Automobiles, trucks, etc., for highway use	\$1,000.. '88
Computers and peripheral data processing equipment	\$1,000.. '314
All other expenditures for machinery and equipment	\$1,000.. '1 039
Total retirements	\$1,000.. '1 929
Gross value of depreciable assets at end of year	\$1,000.. '42 575
Depreciation charges during year	\$1,000.. '2 357
Total rental payments	\$1,000.. 3 131
Buildings and other structures	\$1,000.. 2 012
Machinery and equipment	\$1,000.. 1 119
Total other expenses ⁴	\$1,000.. 12 983
Response coverage ratio ⁵	percent.. 91
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 622
Communications services ⁴	\$1,000.. 649
Legal services ⁴	\$1,000.. 249
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. D
Advertising and promotional services ⁴	\$1,000.. 512
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 1 050
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 198
Management consulting and administrative services ⁴	\$1,000.. D
Taxes and license fees ⁴	\$1,000.. 206
All other expenses ⁴	\$1,000.. 9 137

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
315221, Men's and boys' cut and sew underwear and nightwear manufacturing											
All establishments	2	28	1 749	45 439	1 462	2 845	28 469	111 899	146 785	260 667	'1 569
Establishments with—											
1 to 4 employees	9	2	a	D	D	D	D	D	D	D	D
5 to 9 employees	9	6	b	D	D	D	D	D	D	D	D
10 to 19 employees	6	5	79	1 908	59	105	1 056	5 603	4 966	11 674	'53
20 to 49 employees	4	5	147	4 008	123	256	2 737	15 143	13 620	28 857	'351
50 to 99 employees	—	4	278	8 065	237	497	5 725	13 266	16 078	30 829	176
100 to 249 employees	2	4	518	10 835	470	884	8 336	42 230	59 538	104 651	'450
250 to 499 employees	—	2	f	D	D	D	D	D	D	D	D
500 to 999 employees	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	3	19	545	16	33	440	1 669	2 107	3 776	'26

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
315221	Men's and boys' cut and sew underwear and nightwear manufacturing	28	1 749	45 439	1 462	2 845	28 469	111 899	146 785	260 667	'1 569
3152210	Men's and boys' knit underwear, nightwear, and robes, made from purchased fabrics	28	1 749	45 439	1 462	2 845	28 469	111 899	146 785	260 667	'1 569

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315221	Men's and boys' cut and sew underwear and nightwear manufacturing	2002..	N	X	246 151
	1997..	N	X	X	1 592 367
3152210	Men's and boys' knit underwear, nightwear, and robes, made from purchased fabrics	2002..	N	X	246 151
	1997..	N	X	X	N
31522101	Men's and boys' knit underwear, nightwear, and robes (including thermal, undershirts, undershorts and briefs, and woven boxer shorts), made from purchased fabrics	2002..	N	X	246 151
	1997..	N	X	X	N
3152210100	Men's and boys' knit underwear, nightwear, and robes (including thermal, undershirts, undershorts and briefs, and woven boxer shorts), made from purchased fabrics ¹	2002..	45	X	246 151
	1997..	N	X	X	N
3152210Y	Men's and boys' cut and sew underwear and nightwear manufacturing, nsk, total	2002..	N	X	—
	1997..	N	X	X	N
3152210YWW	Men's and boys' cut and sew underwear and nightwear manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	—
	1997..	N	X	X	N
3152210YWY	Men's and boys' cut and sew underwear and nightwear manufacturing, nsk, for administrative-record establishments	2002..	N	X	—
	1997..	N	X	X	N

¹For additional detail, see Current Industrial Report MQ315A, Apparel. Also, this product code is primary to more than one industry. See industry 315192, product code 3151921100.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
315221	Men's and boys' cut and sew underwear and nightwear manufacturing		
00900001	Total materials .....2002..	X	104 690
	.....1997..	X	536 802
31321023	Broadwoven fabrics (piece goods) .....2002..	X	41 189
	.....1997..	X	69 374
31322103	Narrow fabrics (12 inches or less in width) .....2002..	X	D
	.....1997..	X	7 380
31324000	Knit fabrics .....2002..	X	43 799
	.....1997..	X	173 941
31311003	Yarn, all fibers .....2002..	X	2 830
	.....1997..	X	D
33999301	Buttons, zippers, and slide fasteners .....2002..	X	685
	.....1997..	X	D
00190067	Trim and findings (linings, fusibles, elastic, waistbanding, pockets, etc.) .....2002..	X	2 960
	.....1997..	X	N
32513003	Dyes, lakes, and toners .....2002..	X	D
	.....1997..	X	N
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	3 820
	.....1997..	X	46 963
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	7 302
	.....1997..	X	75 790

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.